FEDERAL - STATE COOPERATIVE

SNOW SURVEYS AND IRRIGATION WATER FORECASTS

for

Nevada

By

Division of Irrigation, Soil Conservation Service
United States Department of Agriculture
Nevada Agricultural Experiment Station
and
Nevada State Engineer

As of

APR. 1, 1951

Data included in this report were obtained by the agencies named above in cooperation with other Federal, State and local organizations listed on the last page of this report.

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FOR

NEVADA

Report Prepared

by

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Division of Irrigation
Soil Conservation Service

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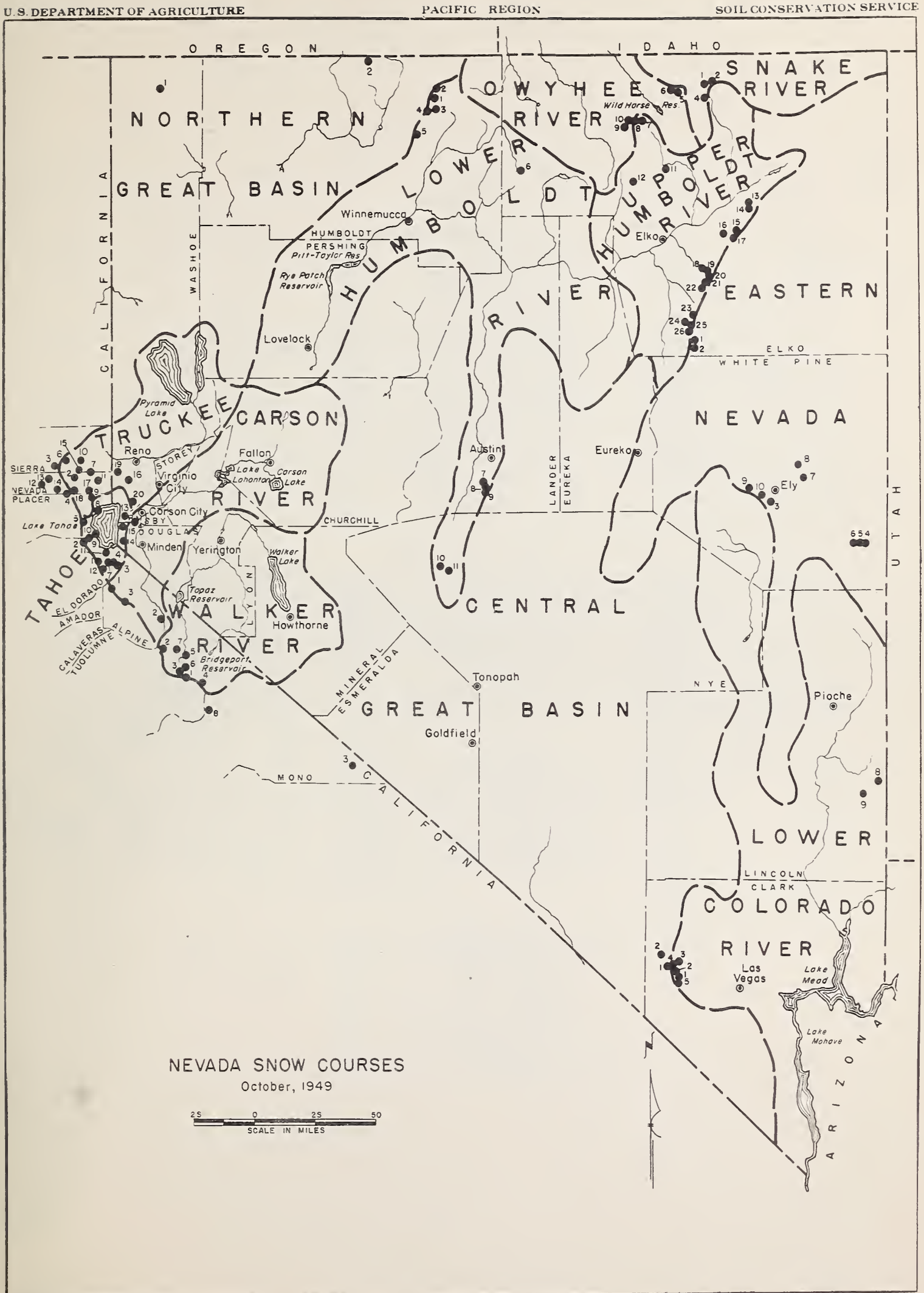
Nevada Agricultural Experiment Station
Reno, Nevada


OREGON
IDAHO
CALIFORNIA
UTAH
ARIZONA
NORTHERN GREAT BASIN
OWYHEE RIVER
SNAKE RIVER
LOWER HUMBOLDT RIVER
UPPER HUMBOLDT RIVER
EASTERN NEVADA
TRUCKEE CARSON RIVER
TAHOE
WALKER RIVER
CENTRAL NEVADA
GREAT BASIN
LOWER COLORADO RIVER
Wild Horse Res
Winnemucca
Elko
Lovelock
Pyramid Lake
Reno
Fallon
Lake Lahontan
Carson Lake
Virginia City
Carson City
Lake Tahoe
Minden
Yerington
Walker Lake
Topaz Reservoir
Howthorne
Bridgeport Reservoir
Austin
Eureka
Ely
Tonopah
Goldfield
Pioche
Las Vegas
Lake Mead
Lake Mohave
Pitt-Taylor Res
Rye Patch Reservoir
HUMBOLDT
PERSHING
WASHOE
STOREY
SIERRA NEVADA PLACER
DOUGLAS
EBY
CHURCHILL
LANDER
EUREKA
ELKO
WHITE PINE
NYE
LINCOLN
CLARK
MINERAL
ESMERALDA
MONO
EL DORADO
AMADOR
CALAVERAS
TUOLUMNE
ALPINE
NEVADA SNOW COURSES
October, 1949
25 0 25 50
SCALE IN MILES

INDEX TO SNOW COURSES

NUMBERS	NAME	ELEVATION
	SNAKE RIVER	
1.	Bear Creek	7,800
2.	Fox Creek	6,800
4.	76 Creek	7,100
5.	Gold Creek	6,600
6.	Big Bend	6,700
	OWYHEE RIVER	
1.	Lower Buckskin	6,700
2.	Upper Buckskin	7,200
3.	Martin Creek	6,700
4.	Granite Peak	7,800
5.	Gold Creek	6,600
6.	Big Bend	6.700
7.	Fry Canyon	6,700
8.	Rodeo Flat	6,800
9.	Lower Jack Creek	6,800
10.	Upper Jack Creek	7,250
11.	Tremewan Ranch	5,700
12.	Taylor Canyon	6,200
	UPPER HUMBOLDT RIVER	
1.	Bear Creek	7,800
2.	Fox Creek	6,800
4.	76 Creek	7,100
5.	Gold Creek	6,600
6.	Big Bend	6,700
7.	Fry Canyon	6,700
8.	Rodeo Flat	6,800
9.	Lower Jack Creek	6,800
10.	Upper Jack Creek	7,250
11.	Tremewan Ranch	5,700
12.	Taylor Canyon	6,200
13.	Lower Trout Creek	6,900
14.	Upper Trout Creek	8,500
15.	Dorsey Basin	8,100
16.	Ryan Ranch	5,800
17.	Dry Creek	6,500
18.	Lamoille #1	7,100
19.	Lamoille #2	7,300
20.	Lamoille #3	7,700
21.	Lamoille #4	8,000
22.	Lamoille #5	8,700
23.	Green Mountain	8,000
24.	Harrison Pass #1	6,600
25.	Harrison Pass #2	7,400
26.	Corral Canyon	8,500

NUMBERS	NAME	ELEVATION
	TRUCKEE BASIN	
2.(Cal.)	Independence Lake	8,450
3.(Cal.)	Webber Peak	8,000
4.(Cal.)	Donner Summit	6,900
5.(Cal.)	Ward Creek	7,000
6.(Cal.)	Webber Lake	7,000
7.(Cal.)	Sage Hen Creek	6,500
8.(Cal.)	Tahoe City	6,250
9.(Cal.)	Truckee #2	6,400
10.(Cal.)	Independence Creek	6,300
11.(Cal.)	Boca #2	5,900
12.(Cal.)	Furnace Flat	6,600
13.(Cal.)	Fordyce Lake	6,500
14.(Cal.)	Soda Springs	6,750
15.(Cal.)	Independence Camp	7,000
16.	Mt. Rose	9,000
17.(Cal.)	Truckee Ranger Station	6,000
18.(Cal.)	Donner Lake	5,950
19.	Big Meadows	8,800
20.	Little Valley	6,300
	LOWER COLORADO RIVER	
1.	Rainbow Canyon	7,800
2.	Kyle Canyon	8,200
3.	Lee Canyon #1	8,300
4.	Lee Canyon #2	9,000
5.	Rainbow Canyon #2	8,100
8.	Mathew Canyon	6,000
9.	Pine Canyon	6,200
	EASTERN NEVADA	
1.	Cave Creek	7,000
2.	Hager Canyon	8,500
3.	Murray Summit	7,250
4.	Baker #1	7,950
5.	Baker #2	8,950
6.	Baker #3	9,250
7.	Berry Creek	9,100
8.	Bird Creek	7,500
9.	Robinson Summit	7,600
10.	Kimberly	7,600
1.	Lower Buckskin	6,700
2.	Upper Buckskin	7,200
3.	Martin Creek	6,700
4.	Granite Peak	7,800
5.	Lamance Creek	6,600
6.	Midas	7,200
7.	Big Creek Camp Ground	6,000
8.	Big Creek Mine	7,000
9.	Upper Big Creek	8,000
10.	Lower Corral	7,500
11.	Upper Corral	8,500

NUMBERS	NAME	ELEVATION
	CARSON BASIN	
1.(Cal.)	Carson Pass	8,600
2.(Cal.)	Poison Flat	7,900
3.(Cal.)	Blue Lakes	8,000
4.	Clear Creek	7,300
	NORTHERN GREAT BASIN	
1.	Bald Mountain	6,720
2.	Disaster Peak	6,500
	WALKER BASIN	
1.(Cal.)	Center Mountain	9,400
2.(Cal.)	Sonora Pass	8,800
3.(Cal.)	Buckeye Forks	8,500
4.(Cal.)	Virginia Lakes	9,500
5.(Cal.)	Willow Flat	8,250
6.(Cal.)	Buckeye Roughs	7,900
7.(Cal.)	Leavitt Meadows	7,200
8.(Cal.)	Tioga Pass	9,900
	TAHOE BASIN	
1.(Cal.)	Lake Lucille	8,400
2.(Cal.)	Rubicon #1	8,100
3.(Cal.)	Hagans Meadow	8,000
4.(Cal.)	Freel Bench	7,300
5.(Cal.)	Ward Creek	7,000
7.(Cal.)	Upper Truckee	6,400
8.(Cal.)	Tahoe City	6,250
9.(Cal.)	Rubicon #2	7,500
10.(Cal.)	Rubicon #3	6,700
11.(Cal.)	Richardsons #2	6,500
12.(Cal.)	Echo Summit	7,500
13.	Marlette Lake	8,000
14.	Daggetts Pass	7,350
15.	Glenbrook #2	6,900
16.	Mt. Rose	9,000
	CENTRAL GREAT BASIN	
1.	Clark Canyon	9,000
2.	Trough Springs	8,500
3.(Cal.)	McAfee Forks	7,500

WATER SUPPLY OUTLOOK

NEVADA

APRIL 1, 1951

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* * * * * * * * * * * * * * * * * * * * * * * * *
*                                               *
* 1951 snow water runoff will vary from drought *
* conditions in Central and Southern Nevada to  *
* about 50 percent above normal in the north on *
* the main Humboldt River.  Snow melt runoff    *
* from the Eastern Sierra Nevada will range     *
* from 25 to 50 percent of normal.  Fortunately,*
* reservoir storage in the latter area is near  *
* capacity.                                     *
*                                               *
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Snow stored water in the Sierra is slightly above average at the high elevations but rapidly decreases to bare ground at the low elevations. In the Humboldt Basin high snow ranges from average to about 10 percent above, while low snow ranges from about 50 percent below to average. The area from about Highway 50 south contains less snow than previously measured during the past ten years of record.

U. S. Geological Survey reports October through March streamflow from the Eastern Sierra about seven times normal, while the Humboldt flow for the same period was about three times normal. In these areas groundwater levels are above normal and valley and foothill soils are saturated.

Reservoir storage on April 1, 1951, was about 206 percent of last year and 113 percent of the past ten year average.

STREAMFLOW FORECASTS APRIL 1, 1951

Forecast Stream	April-July, Streamflow Thousands Acre Feet					
	Forecast 1951	1901-45 Normal	1951 as % 45 yr. Norm.	Measured Runoff 1950	1949	1948
Owyhee River nr. Owyhee, Nev.[1]	100	80	125		106	53
Lamoille Crk. nr. Lamoille, Nev.	33	30	110		25	25
So. Fk. Humboldt nr. Elko, Nev.	70	70	100		68	45
Humboldt River at Palisade, Nev.	300	200	150	195	200	107
Martin Crk. nr. Paradise, Nev.	15	20	75		13	13
East Walker nr. Bridgeport, Calif.[2]	32	75	43	43	39	31
West Walker nr. Coleville, Calif.	100	175	57	140	117	109
East Carson nr. Gardnerville, Nev.	100	210	48		164	151
West Carson at Woodfords, Calif.	22	65	34		43	45
Carson River nr. Carson City, Nev.	90	200	45		147	131
Carson River at Ft. Churchill, Nev.	50	195	26	195	128	113
Lake Tahoe[4]	707	583	121	489	318	465
Rise[5]	0.75	1.55	48	2.05	1.08	1.59
Truckee River at Farad, Calif.[3]	150	290	52	325	182	211

1. Corrected for storage in Wildhorse Reservoir.
2. For period April through August corrected for storage in Bridgeport Reservoir.
3. Exclusive of Tahoe and corrected for storage in Boca Reservoir.
4. Maximum storage with gates closed.
5. Maximum rise, in feet, from April 1, assuming gates closed.

Tahoe and Truckee Forecasts by Truckee Basin Water Committee.

STREAMFLOW FORECASTS APRIL 1, 1951

Snake River Basin in Nevada

Snow stored water above Salmon Falls Creek and Bruneau River is about 95 percent of last year but still 110 percent of normal.

Owyhee River near Owyhee, Nevada, is forecast to flow 100,000 acre feet from April through July. This is 125 percent of normal. Wildhorse reservoir with a capacity of 33,000 acre feet stored 26,000 acre feet on April 1. This reservoir should fill this summer.

Upper Humboldt River

High elevation snow on the headwaters of Marys River is about ten percent greater than normal while that on the North Fork, Susie and Maggie Creeks is near normal. Low snow in these areas is gone with a resultant saturation of soil and recovery of valley groundwater.

In the Trout Creek - Secret Valley area of the Ruby Mountains all low snow has melted. High snow is about 90 percent of average.

The April through July forecast for Lamoille Creek is 33,000 acre feet or 110 percent of normal. South Fork of Humboldt should flow 70,000 acre feet, which is normal.

Humboldt River at Palisade should flow 300,000 acre feet. This is 150 percent of normal and about 50 percent greater than last year. The fact that groundwater levels are higher than normal and that the soil is saturated allows for the forecast of the main stem of the Humboldt being relatively larger than its tributaries.

Lower Humboldt Basin

Snow stored water on the headwaters of Little Humboldt Basin is about 90 percent of last year and 95 percent of average. The April - July flow of Martin Creek measured near Paradise Valley should be approximately 15,000 acre feet or 75 percent of average. Nearly all of the snow on Rock Creek Watershed in the vicinity of Midas has melted. Soil is saturated and spring range should be excellent.

Upper Reese River Watershed continues the second year of drought.

Rye Patch Reservoir stored 109,000 acre feet on April 1. This is twice that available on this date last year and about 60 percent of capacity.

Eastern Nevada

Snow water above Ruby Valley is less than normal for this date, but due to last winters heavy rain Ruby Lake has shown a decided rise.

Baker and Lehman Creeks snow cover is only 50 percent of normal and 80 percent of last year.

Snow on Steptoe and Spring Valleys Watershed is below normal. On Duck Creek, east of McGill low snow has melted and high snow is only 75 percent of normal.

Lower Colorado River in Nevada

Snow water in the Mount Charleston area near Las Vegas is at or near an all time low for this date. This year snow stored water is only 10 percent of normal and 17 percent of last year. This shortage will undoubtedly have an affect on groundwater in the Las Vegas Artesian Basin.

There was very little snow in the Meadow Valley Wash Area with practically all snow melted by the first of March.

Lake Mead stored 90 percent of normal and 95 percent of last year on this date.

Central Great Basin

This area received below normal snowfall during the past winter. In the Spring Mountains above Pahrump Valley April 1 snow was only 10 percent of average and 40 percent of last year record low.

Northern Great Basin

Heavy fall storms produced favorable soil moisture conditions in the Sheldon Antelope Refuge but the warm winter reduced the snow pack until on April 1 it was slightly less than 50 percent of average.

Snow stored water on the headwaters of McDermitt Creek and Quinn River is about normal. Soil is saturated and streamflow is above normal.

Tahoe Basin

On April 1 Lake Tahoe stored 614,000 acre feet. This is about 130 percent of the past ten year average for this date and 80 percent of capacity.

Truckee Basin Water Committee forecasts a maximum storage, assuming normal weather conditions and gates closed, of 707,000 acre feet. This represents a rise of 0.75 feet from the April 1 elevation of 6227.95 or only 48 percent of the normal Lake rise.

Truckee Basin

Truckee Basin Water Committee anticipates the filling of Donner, Independence, and Boca Reservoirs from water presently stored in snow. Their forecast for the April through July flow of Truckee River at Farad corrected for storage changes is 150,000 acre feet or only about 50 percent of normal. It is believed that a full irrigation season water supply will be available.

Bear River Basin

During the month precipitation was greatly above normal over practically all the Bear River Basin, but the mean monthly runoff was much below normal because of the unusually dry condition of the soil at the beginning of the month. The runoff was slightly less than 50 percent of average.

Snow storage water on the mountains of Northern Utah and Upper River is about normal. Soil is saturated and storage is above normal.

Utah Basin

On April 1 Utah Lake stored 5[illegible],000 acre feet. This is about 130 percent of the past ten year average for this date and 80 percent of capacity.

Provo Basin Water Conditions forecasts a summer storage, assuming normal weather conditions and pass closed, of 70[illegible],000 acre feet. This represents a rise of 0.75 foot from the April 1 elevation of 6287.35 or only 16 percent of the normal lake rise.

Tooele Basin

Tooele Basin Water Conditions anticipates the filling of Johnson, Independence, and Tooele reservoirs from water presently stored in snow. Their forecast for the April through July flow of Tooele River as there corrected for storage changes is 1[illegible],000 acre feet or only about 50 percent of normal. It is believed that a full irrigation season water supply will be available.

Carson Basin

This basin with a relatively small percentage of high elevation watershed will be the hardest hit of the Eastern Sierra areas. East Carson River near Gardnerville should flow about 100,000 acre feet which is 48 percent of normal. It is anticipated that the flow of the River will remain greater than 200 cubic feet per second until the middle of June. West Carson at Woodfords is forecast to flow 22,000 acre feet from April through July which is only 34 percent of normal.

With very little upstream storage, the Upper Carson Valley area will suffer water shortages during the irrigation season.

Flow at Fort Churchill will be only 50,000 acre feet representing 26 percent of normal. Fortunately, Lahontan Reservoir stored 238,000 acre feet on April 1.

Walker Basin

Much of the early winter snow remains at elevations over 9000 feet while lower elevations contain less snow than at any time on this date for the past 20 years. East Walker River near Bridgeport is forecast to flow 32,000 acre feet during April through August. This is about 10,000 acre feet less than last year and only 43 percent of normal. April through July flow of West Walker River near Coleville is forecast to flow 100,000 acre feet compared to 140,000 last year. This years forecast is 57 percent of normal. Although the forecast of 1951 flow of Walker River is only about 50 percent of normal, both Bridgeport and Topaz Reservoirs are full, representing 102,000 acre feet.

Lower Platte

[illegible]

[illegible]

Lower Basin

[illegible]

STATUS OF RESERVOIR STORAGE, APRIL 1, 1951

BASIN and STREAM	RESERVOIR	USABLE CAPACITY (THOUS. A.F.)	THOUSANDS ACRE FEET IN STORAGE ABOUT APR. 1 1951	1950	1949	1948	10-yr.avg. 1940-1949
Owyhee	Wildhorse	33	26	19	6	6	14
Lower Humboldt	Rye Patch	178	109	55	65	120	155[a]
Colorado	Mohave	1810	1550	207	New Reservoir		
Colorado	Mead	27,217	16,806	17,686	17,735	18,620	19,031
East Walker	Bridgeport	42	42	20	20	24	37
West Walker	Topaz	59	59	24	22	25	44
Carson	Lahontan	286	238	190	197	189	239
Tahoe	Tahoe	750	614	222	183	268	470
Truckee	Boca	41	20	13	0	4	13

a - Average for years 1943 - 1949

NEVADA SNOW SURVEYS APRIL 1, 1951

DRAINAGE BASIN and SNOW COURSE	LOCATION Number	Sec.	Twp.	Rge.	Elev.	Date of Survey	Snow Depth (inches)	SNOW COVER MEASUREMENTS Water Content (inches) 1951	Same Approx. Date 1950	1949	Past Record Years of Record	Av. Water Content (inches)
SNAKE RIVER												
Bear Creek	1	31	46N	58E	7800	4/1	64.6	22.8	23.1	24.4	8	20.3
Fox Creek	2	33	46N	58E	6800	3/29	19.5	7.9	10.3	13.9	14	8.6
76 Creek	4	6	44N	58E	7100	No Survey			16.8	No Survey	4	10.0
Gold Creek	5	31	45N	56E	6600	3/28	17.4	7.6	8.2	9.5	11	6.4
Big Bend	6	30	45N	56E	6700	3/28	34.0	12.5	12.7	15.2	23	9.5
OWYHEE RIVER												
Lower Buckskin	1	25	45N	39E	6700	4/1	29.3	10.8	10.1	14.2	10	8.5
Upper Buckskin	2	11	45N	39E	7200	4/1	23.7	8.8	8.8	9.1	15	10.8
Martin Creek	3	18	44N	40E	6700	4/1	16.3	6.0	8.7	8.6	10	8.4
Granite Peak	4	22	44N	39E	7800	3/31	35.3	11.0	11.9	8.9	11	11.5
Gold Creek	5	31	45N	56E	6600	3/28	17.4	7.6	8.2	9.5	11	6.4
Big Bend	6	30	45N	56E	6700	3/28	34.0	12.5	12.7	15.2	23	9.5
Fry Canyon	7	31	43N	54E	6700	3/29	24.5	10.2	8.8	15.0	10	9.2
Rodeo Flat	8	36	43N	53E	6800	3/29	20.8	9.2	8.4	16.2	10	9.9
Lower Jack Creek	9	18	42N	53E	6800	3/30	5.1	0.5	0	4.5	16	4.1
Upper Jack Creek	10	9	42N	53E	7250	3/30	40.0	10.4	10.2	14.3	10	10.6
Tremewan Ranch	11	9	39N	55E	5700	3/29	0	0	0	4.6	9	0.6
Taylor Ranch	12	35	39N	53E	6200	3/29	0	0	0	8.9	10	3.5

DRAINAGE BASIN and SNOW COURSE	LOCATION Number	Sec.	Twp.	Rge.	Elev.	Date of Survey	Snow Depth (inches)	SNOW COVER MEASUREMENTS Water Content (inches) 1951	Same Approx. Date 1950	1949	Past Record Years of Record	Av. Water Content (inches)
UPPER HUMBOLDT												
Bear Creek	1	31	46N	58E	7800	4/1	64.6	22.8	23.0	24.4	8	20.3
Fox Creek	2	33	46N	58E	6800	3/29	19.5	7.9	11.0	13.9	14	8.6
76 Creek	4	6	44N	58E	7100	No Survey			16.8	No Survey	4	10.0
Gold Creek	5	31	45N	56E	6600	3/28	17.4	7.6	8.2	9.5	11	6.4
Big Bend	6	30	45N	56E	6700	3/28	34.0	12.5	12.7	15.2	23	9.5
Fry Canyon	7	31	43N	54E	6700	3/29	24.5	10.2	8.8	15.0	10	9.2
Rodeo Flat	8	36	43N	53E	6800	3/29	20.8	9.2	8.4	16.2	10	9.9
Lower Jack Creek	9	18	42N	53E	6800	3/30	5.1	0.5	0	4.5	16	4.1
Upper Jack Creek	10	9	42N	53E	7250	3/30	40.0	10.4	10.2	14.3	10	10.6
Tremewan Ranch	11	9	39N	55E	5700	3/29	0	0	0	4.6	9	0.6
Taylor Canyon	12	35	39N	53E	6200	3/29	0	0	0	8.9	10	3.5
Lower Trout Creek	13	28	37N	61E	6900	3/30	0	0	1.3	7.0	5	2.8
Upper Trout Creek	14	4	36N	61E	8500	3/30	76.6	26.3	24.4	28.8	5	28.7
Dorsey Basin	15	28	35N	60E	8100	3/30	41.9	13.9	11.3	18.4	9	15.8
Ryan Ranch	16	1	34N	59E	5800	3/31	2.0	0.6	0	2.0	9	1.0
Dry Creek	17	5	34N	60E	6500	3/31	4.5	1.3	0	8.0	9	3.9
Lamoille #1	18	15	32N	58E	7100	3/29	7.0	2.8	12.7	12.4	19	10.1
Lamoille #2	19	14	32N	58E	7300	3/29	10.9	5.2	13.6	13.0	22	10.6
Lamoille #3	20	24	32N	58E	7700	3/29	30.8	12.6	19.0	18.2	16	13.8
Lamoille #4	21	19	32N	59E	8000	3/29	49.8	19.8	23.3	24.0	10	20.0
Lamoille #5	22	31	32N	59E	8700	3/30	73.7	34.4	37.6	29.4	13	27.9
Green Mountain	23	23	29N	57E	8000	4/5	30.8	13.8	15.4	No Survey	8	14.2
Harrison Pass #1	24	9	28N	57E	6600	4/1	0	0	1.5	9.0	14	5.2
Harrison Pass #2	25	16	28N	57E	7400	4/1	0	0	2.8	11.0	9	5.3
Corral Canyon	26	27	28N	57E	8500	4/4	59.1	22.4	21.2	No Survey	8	19.8

NEVADA SNOW SURVEYS APRIL 1, 1951

DRAINAGE BASIN and SNOW COURSE	LOCATION Number	Sec.	Twp.	Rge.	Elev.	Date of Survey	Snow Depth (inches)	SNOW COVER MEASUREMENTS WATER CONTENT (INCHES) 1951	Same Approx. Date 1950	1949	PAST RECORD Years of Record	Av. Water Content (inches)
LOWER HUMBOLDT												
Lower Buckskin	1	25	45N	39E	6700	4/1	29.3	10.8	10.1	14.2	10	8.5
Upper Buckskin	2	11	45N	39E	7200	4/1	23.7	8.8	8.8	9.1	15	10.8
Martin Creek	3	18	44N	40E	6700	4/1	16.3	6.0	8.7	8.6	10	8.4
Granite Peak	4	22	44N	39E	7800	3/31	35.3	11.0	11.9	8.9	11	11.5
Lamance Creek	5	13	42N	38E	6000	3/31	19.8	8.2	9.9	11.9	6	7.6
Midas	6	18	39N	46E	7200	3/31	0	0	0	8.0	10	2.4
Big Creek Camp Ground	7	10	17N	43E	6600	4/2	0	0	0	5.4	9	2.2
Big Creek Mine	8	23	17N	43E	7600	4/2	5.0	3.0	0	9.5	9	4.1
Upper Big Creek	9	26	17N	43E	8000	4/2	11.0	6.4	4.1	10.3	9	9.1
Lower Corral	10	12	11N	40E	7500	3/31	0	0	0	2.5	9	1.9
Upper Corral	11	20	11N	41E	8500	3/31	0	0	0	7.9	9	5.6
EASTERN NEVADA												
Cave Creek	1	25	27N	57E	7500	3/29	22.3	9.5	19.8	24.2	10	14.4
Hager Canyon	2	34	27N	57E	8000	3/29	40.7	17.7	24.0	25.7	10	20.0
Murray Summit	3	25	16N	62E	7250	4/2	0	0	0	5.8	13	3.1
Baker #1	4	29	13N	69E	7950	4/2	0	0	0	11.6	9	6.0
Baker #2	5	30	13N	69E	8950	4/2	35.6	10.5	13.9	20.0	9	18.1
Baker #3	6	25	13N	68E	9250	4/2	38.1	11.9	14.3	20.5	9	19.3
Berry Creek	7	26	17N	65E	9100-	4/2	36.6-	12.2	16.7	18.9	3	16.6
Bird Creek	8	34	19N	65E	7500	4/2	0	0	0	7.3	3	4.7
Robinson Summit	9	34	18N	61E	7600	4/2	0	0	0	New Course	1	0
Kimberly	10	18	16N	62E	7600	4/2	0	0	0	" "	1	0

NEVADA SNOW SURVEYS APRIL 1, 1951

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LOWER COLORADO												
Rainbow Canyon	1	31	19S	57E	7800	3/28	5.8	1.1	9.4	17.1	10	12.8
Kyle Canyon	2	26	19S	56E	8200	3/28	1.9	0.5	5.1	16.8	9	11.1
Lee Canyon #1	3	10	19S	56E	8300	3/28	2.2	0.5	3.9	18.7	10	10.3
Lee Canyon #2	4	9	19S	56E	9000	3/29	7.3	1.8	4.7	20.3	9	12.0
Rainbow Canyon #2	5	6	20S	57E	8100	3/28	9.8	2.4	13.5	20.6	4	15.3
Mathew Canyon	8	11	5S	70E	6000	3/31	0	0	0	0.9	2	0.5
Pine Canyon	9	11	6S	69E	6200	3/31	0	0	0	2.3	2	1.2
CENTRAL GREAT BASIN												
Clark Canyon	1	8	19S	56E	9000	3/29	6.2	1.5	3.9	18.0	6	9.6
Trough Springs	2	23	18S	55E	8500	3/30	2.7	0.5	0.9	14.3	5	6.2
McAfee Forks (Cal.)	3	1	4S	34E	7500	3/31	0	0	0	5.6	3	1.9
NORTHERN GREAT BASIN												
Bald Mountain	1	17	45N	21E	6720	3/30	3.0	1.3	2.3	9.1	11	2.9
Disaster Peak	2	8	47N	34E	6500	4/1	27.4	10.9	7.2	14.4	2	10.8

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TAHOE												
Lake Lucille (Cal.)	1	28	12N	17E	8400	4/1	139.6	60.5	74.6	57.9	37	56.7
Rubicon #1 (Cal.)	2	6	13N	17E	8100	4/1	128.6	46.7	59.7	45.2	35	45.8
Hagans Meadow (Cal.)	3	36	12N	18E	8000	3/30	14.7	6.5	27.6	22.4	33	17.0
Freel Bench (Cal.)	4	36	12N	18E	7300	3/30	13.2	2.0	16.3	16.2	21	10.5
Ward Creek (Cal.)	5	21	15N	16E	7000	3/31	69.9	31.2	31.2	48.2	38	44.8
Upper Truckee (Cal.)	7	21	12N	18E	6400	3/31		Trace	13.0	13.7	21	7.1
Tahoe City (Cal.)	8	6	15N	17E	6250	3/30	2.0	0.9	13.7	22.5	40	13.2
Rubicon #2 (Cal.)	9	6	13N	17E	7500	4/1	40.7	16.0	38.8	30.8	32	29.0
Rubicon #3 (Cal.)	10	32	14N	17E	6700	4/1	27.0	7.7	No Survey	25.5	10	20.6
Richardsons #2 (Cal.)	11	6	12N	18E	6500	3/31	21.0	9.7	25.8	22.8	7	16.3
Echo Summit (Cal.)	12	6	11N	18E	7500	4/2	62.1	26.8	46.7	37.2	11	39.1
Marlette Lake	13	13	15N	18E	8000	4/1	27.9	11.0	26.9	19.0	34	23.1
Daggetts Pass	14	19	13N	19E	7350	4/2	9.1	4.2	16.6	16.2	35	13.7
Glenbrook #2	15	13	14N	18E	6900	4/2	15.9	7.0	16.7	14.2	9	14.5
Mt. Rose	16	7	17N	19E	9000	4/2	79.8	33.6	35.3	27.9	41	31.2
TRUCKEE												
Independence Lake (Cal.)	2	9	18N	15E	8450	4/1	88.7	37.2	46.3	36.6	14	41.1
Webber Peak (Cal.)	3	30	19N	14E	8000	3/28	75.3	29.6	42.4	43.0	29	40.3
Donner Summit (Cal.)	4	25	17N	14E	6900	3/26	57.2	26.4	48.2	42.0	40	39.2
Ward Creek (Cal.)	5	21	15N	16E	7000	3/31	69.9	31.2	56.1	48.2	38	44.8
Webber Lake (Cal.)	6	20	19N	14E	7000	3/28	56.0	22.2	38.4	35.0	26	29.7

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TRUCKEE (Con't.)												
Sage Hen Creek (Cal.)	7.	7	18N	16E	6500	4/2	19.5	7.4	22.8	20.6	14	18.2
Tahoe City (Cal.)	8	6	15N	17E	6250	3/30	2.0	0.9	13.7	22.5	40	13.2
Truckee #2 (Cal.)	9	22	17N	16E	6400	4/1	11.6	4.4	18.6	18.9	21	14.7
Independence Creek (Cal.)	10	14	19N	15E	6300	3/31	9.3	3.4	16.8	15.6	14	13.2
Boca #2 (Cal.)	11	28	18N	17E	5900	3/31	0	0	5.4	No Survey	16	5.0
Furnace Flat (Cal.)	12	10	17N	13E	6600	3/28	69.7	31.1	53.8	48.5	32	44.1
Fordyce Lake (Cal.)	13	34	18N	13E	6500	3/27	59.3	26.5	49.9	49.6	33	38.2
Soda Springs (Cal.)	14	23	17N	14E	6750	3/26	50.4	23.9	46.5	36.3	22	35.0
Independence Camp (Cal.)	15	34	19N	15E	7000	3/31	36.2	15.2	29.6	25.0	10	21.9
Mt. Rose	16	7	17N	19E	9000	4/2	79.8	33.6	35.3	27.9	41	31.2
Truckee Ranger Sta.(Cal.)	17	10	17N	16E	6000	3/31	3.6	1.1	14.8	16.2	6	10.1
Donner Lake (Cal.)	18	14	17N	15E	5950	3/31	29.0	13.4	25.7	30.0	7	21.4
Big Meadows	19	15	18N	18E	8800	4/3	35.9	15.8	24.2	18.7	28	23.1
Little Valley	20	17	16N	19E	6300	3/31	5.4	2.1	8.1	16.7	9	9.1
CARSON												
Carson Pass (Cal.)	1	22	10N	18E	8600	3/30	51.2	20.9	44.3	35.4	21	37.0
Poison Flat (Cal.)	2	25	8N	21E	7900	3/28	8.9	4.9	21.4	20.9	9	15.3
Blue Lakes (Cal.)	3	30	9N	19E	8000	3/27	58.0	22.1	42.5	36.3	32	35.5
Clear Creek	4	16	14N	19E	7300	3/31	13.3	4.4	16.4	16.4	2	16.4

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WALKER												
Center Mountain (Cal.)	1	4	3N	23E	9400	3/26	85.8	36.1	38.9	39.9	28	34.7
Sonora Pass (Cal.)	2	1	5N	21E	8800	3/26	31.3	12.6	25.2	27.0	19	24.4
Buckeye Forks (Cal.)	3	20	4N	23E	8500	3/31	26.3	9.4	21.9	22.7	20	19.7
Virginia Lakes (Cal.)	4	5	2N	25E	9500	3/28	26.1	10.6	16.4	18.5	4	15.3
Willow Flat (Cal.)	5	21	5N	23E	8250	3/27	0	0	9.5	12.2	17	10.9
Buckeye Roughs (Cal.)	6	15	4N	23E	7900	3/30	15.7	5.7	24.0	25.0	28	21.0
Leavitt Meadows (Cal.)	7	4	5N	22E	7200	3/26	0	0	5.0	11.9	21	7.8
Tioga Pass (Cal.)	8	30	1N	25E	9900	4/1	61.5	24.0	24.0	14.9	21	25.1

NEVADA COOPERATIVE SNOW SURVEYS

Agencies Cooperating in Collecting Data Contained in this Bulletin.

FEDERAL

- Soil Conservation Service
- Forest Service
- Geological Survey
- Bureau of Reclamation
- Fish and Wildlife Service

STATE

- Nevada State Engineer
- Nevada Agricultural Experiment Station
- Colorado River Commission of Nevada
- California Cooperative Snow Surveys
- California Division of Water Resources
- Oregon Cooperative Snow Surveys

MUNICIPAL

- City of Ely, Nevada

PUBLIC AGENCIES

- Truckee-Carson Irrigation District
- Washoe County Water Conservation District
- Walker River Irrigation District
- Owyhee Irrigation District

PRIVATE UTILITIES

- Sierra Pacific Power Company
- Virginia City Water Company

PRIVATE ORGANIZATIONS

- Amalgamated Sugar Company
- Kennecott Copper Corp.
- Union Pacific Railroad

Federal - State - Private

COOPERATIVE SNOW SURVEYS

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Furnishes the basic data necessary for forecasting water supply for irrigation, domestic and municipal water supply, hydro-electric power generation, navigation, mining and industry

"WATER IS THE WEST'S GREATEST RESOURCE"